Appl. No. 10/689,257 Amdt. dated 29 February 2008 Reply to Office Action of 30 October 2007

Amendments to the Specification:

Please replace paragraph [0010] with the following amended paragraph.

[0010] In one embodiment, an initial count is either loaded into each processing element or calculated locally based on the processing element's location. The initial count may be given by one of the following expressions:

(x+y+1)MOD (array size); (C+R+1)MOD (array size); (C+y+1)MOD (array size); or (x+R+1)MOD (array size).